

Technical Data Sheet

Product

Anti-Hu CD143 PE

Cat. Number/Size

1P-796-T025

25 tests

1P-796-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD143
Clone	5-369
Format	PE
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody 5-369 recognizes an extracellular epitope of CD143, a 171 kDa type I transmembrane glycoprotein with metallopeptidase activity, expressed mainly on endothelial cells.
Other names	DCP, ACE1, DCP1, carboxycathepsin, kininase II, peptidase P, peptidyl dipeptidase 1
Immunogen	dendritic cells
Entrez Gene ID	1636
Gene name	ACE
NCBI Full Gene Name	angiotensin I converting enzyme
UniProt ID	P12821

Preparation Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Formulation Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage and handling Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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